

Amendments to the Claims:

Claims 3, 4, 6, 7, 16, 18, 20, 21, 25, 27, 28, 30, 31, 35-40, 43, 44, 46, 47, 51-56 and 80-97 are pending in this application. Claims 3, 27 and 42 are independent.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2 (Cancelled):

3 (Previously Presented): A monitoring terminal for monitoring an image picked up by a camera connected to a network, comprising:

obtaining device arranged to obtain information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with starting up said monitoring terminal and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the initial start up; and

display device arranged to display camera-status on the basis of the parameters of said camera which is obtained by the obtaining device, wherein said display device displays a pan angle by a direction of a camera symbol.

4 (Previously Presented): The terminal according to claim 3, wherein if a predetermined camera is used by another user, said display device displays a symbol of said predetermined camera in a color different from that of other cameras.

5. (Cancelled)

6 (Previously Presented): The terminal according to claim 3, wherein if registration of a new camera is informed on the system, said display device displays a camera symbol of the new camera on a layout, while if a camera is disconnected, said display device deletes the camera symbol of the camera on the layout.

7 (Previously Presented): The terminal according to claim 3, wherein said display device displays, if a predetermined camera is unavailable, a symbol of said predetermined camera so as to indicate responseless status.

8-15 (Cancelled):

16 (Previously Presented): The terminal according to claim 3, wherein said display device displays a layout and camera symbol representing a predetermined camera over the layout on the basis of the parameters, said predetermined camera with the camera symbol.

17 (Cancelled):

18 (Previously Presented): The terminal according to claim 3, wherein said display device displays a status of connection of the camera apparatus and the network.

19 (Cancelled):

20 (Previously Presented): The terminal according to claim 3, wherein said display device displays the image picked up by a predetermined camera on the same screen simultaneously as the screen on which the status of said predetermined camera is displayed.

21 (Previously Presented): The terminal according to claim 3, wherein said display device further displays starting and ending of operation of a predetermined camera.

22-24 (Cancelled):

25 (Previously Presented): The terminal according to claim 3, wherein said obtaining device periodically obtains information concerning parameters of a predetermined camera whose condition changes subsequent to the initial start up.

26 (Cancelled):

27 (Previously Presented) A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with

starting up a monitoring terminal and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the initial startup;

displaying on a screen, the camera-status on the basis of the parameters of said camera which are obtained by the obtaining step; and

displaying a pan angle by a direction of a camera symbol.

28 (Previously Presented): The method according to claim 27, wherein, if a predetermined camera is used by another user, said method further comprises the step of displaying the symbol of said predetermined camera in a color different from that of other cameras.

29 (Cancelled):

30 (Previously Presented): The method according to claim 27, wherein if a new camera is registered, said method further comprises the step of displaying a camera symbol of the new camera and if a camera is disconnected, said method deletes the camera symbol of the disconnected camera.

31 (Previously Presented): The method according to claim 27, wherein said method further comprises the step of displaying, if a predetermined camera is unavailable, a symbol of said predetermined camera so as to indicate responseless status.

32-34 (Cancelled):

35 (Previously Presented): The method according to claim 27, further comprising the steps of:

displaying camera symbols representing a predetermined camera over a layout; and
displaying the camera-status of said predetermined camera with the camera symbol.

36 (Previously Presented): The method according to claim 27, wherein said step of obtaining comprises periodically obtaining information concerning parameters of a predetermined camera whose condition changes subsequent to the initial startup.

37 (Previously Presented): The method according to claim 27, further comprising the step of:

displaying the image picked up by a predetermined camera on the same screen
simultaneously as the screen on which the status of said predetermined camera is displayed.

38 (Previously Presented): The method according to claim 27, wherein said method further comprises the step of displaying a status of connection of a predetermined camera and the network.

39 (Previously Presented): The method according to claim 27, wherein said method further comprises the step of displaying starting and ending of operation of a predetermined camera connected to the network.

40 (Previously Presented): The method according to claim 27, wherein said step of obtaining further comprises periodically obtaining information concerning parameters of a predetermined camera whose condition changes after said predetermined camera is started up.

41-42 (Cancelled):

43 (Previously Presented): A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of:

obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation connected to a network in accordance with starting up said monitoring terminal and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the initial startup;

displaying on a screen, the camera status on the basis of the parameters of said camera; and

displaying a pan angle by a direction of a camera symbol.

44 (Previously Presented): The computer readable medium according to claim 43, wherein said program comprises the step of displaying the symbol of a predetermined camera in a color different from that of other cameras if said predetermined camera is used by another user.

45 (Cancelled):

46 (Previously Presented): The computer readable medium according to claim 43, wherein said program further comprises the step of displaying, if a new camera is registered, a camera symbol of the new camera and if a camera is disconnected, a camera symbol of the disconnected camera.

47 (Previously Presented): The computer readable medium according to claim 43, wherein said program further comprises the step of displaying a symbol of an unavailable camera so as to indicate responseless status.

48-50 (Cancelled):

51 (Previously Presented): The computer readable medium according to claim 43, wherein said program further comprises the steps of:

displaying camera symbols representing a predetermined camera over a layout displayed on a screen; and

displaying the camera-status of said predetermined camera with the camera symbols.

52 (Previously Presented): The computer readable medium according to claim 43, wherein said step of obtaining comprises periodically obtaining information concerning parameters of a predetermined camera whose condition changes subsequent to the initial startup.

53 (Previously Presented): The computer readable medium according to claim 43, wherein said program comprises the step of:

displaying the image picked up by a predetermined camera on the same screen simultaneously as the screen on which the status of said predetermined camera is displayed.

54 (Previously Presented): The computer readable medium according to claim 53, wherein said program further comprises the step of displaying display statuses of connection of said predetermined camera and the network.

55 (Previously Presented): The computer readable medium according to claim 53, wherein said program further comprises the step of displaying starting and ending of operation of the camera apparatuses connected to the network.

56 (Previously Presented): The computer readable medium according to claim 53, wherein said step of obtaining further comprises periodically obtaining information concerning a status of cameras whose conditions changes subsequent to the initial startup.

57-79 (Cancelled):

80 (Previously Presented): The terminal as in claim 4, wherein said predetermined camera is said camera.

PATENT

Application Serial No. 08/615,876
Amendment dated March 16, 2004
Reply to Notice of Allowance of December 17, 2004
Docket No. 1232-4253US2

81 (Previously Presented): The terminal as in claim 7, wherein said predetermined camera is said camera.

82 (Previously Presented): The terminal as in claim 16, wherein said predetermined camera is said camera.

83 (Previously Presented): The terminal as in claim 20, wherein said predetermined camera is said camera.

84 (Previously Presented): The terminal as in claim 21, wherein said predetermined camera is said camera.

85 (Previously Presented): The terminal as in claim 25, wherein said predetermined camera is said camera.

86 (Previously Presented): The terminal as in claim 28, wherein said predetermined camera is said camera.

87 (Previously Presented): The terminal as in claim 31, wherein said predetermined camera is said camera.

PATENT

Application Serial No. 08/615,876
Amendment dated March 16, 2004
Reply to Notice of Allowance of December 17, 2004
Docket No. 1232-4253US2

88 (Previously Presented): The terminal as in claim 35, wherein said predetermined camera is said camera.

89 (Previously Presented): The terminal as in claim 36, wherein said predetermined camera is said camera.

90 (Previously Presented): The terminal as in claim 37, wherein said predetermined camera is said camera.

91 (Previously Presented): The terminal as in claim 38, wherein said predetermined camera is said camera.

92 (Previously Presented): The terminal as in claim 39, wherein said predetermined camera is said camera.

93 (Previously Presented): The terminal as in claim 40, wherein said predetermined camera is said camera.

94 (Previously Presented): The terminal as in claim 44, wherein said predetermined camera is said camera.

95 (Previously Presented): The terminal as in claim 51, wherein said predetermined camera is said camera.

96 (Previously Presented): The terminal as in claim 52, wherein said predetermined camera is said camera.

97 (Previously Presented): The terminal as in claim 53, wherein said predetermined camera is said camera.

98 (New): A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with starting up a setting operation of said camera and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the starting up;

displaying on screen, the camera-status on the basis of the parameters of said camera which is obtained in said obtaining step; and

displaying a pan angle by a direction of a camera symbol.

99 (New): The method according to claim 98, wherein if a predetermined camera is used by

another user, said method further comprises the stop of displaying the symbol of said predetermined camera in a color different from that of other cameras.

100 (New): The method according to claim 98, wherein if a new camera is registered, said method further comprises the step of displaying a camera symbol of the new camera and if a camera is disconnected, said method deletes the camera symbol of the disconnected camera.

101 (New): The method according to claim 98, wherein said method further comprises the step of displaying, if a predetermined camera is unavailable, a symbol of said predetermined camera so as to indicate responseless status.

102 (New): The method according to claim 98, further comprising the steps of:
displaying camera symbols representing a predetermined camera over a layout; and
displaying the camera-status of said predetermined camera with the camera symbol.

103 (New): The method according to claim 98, wherein said step of obtaining comprises periodically obtaining information concerning parameters of a predetermined camera whose condition changes subsequent to the starting up.

104 (New): The method according to claim 98, further comprising the step of:
displaying the image picked up by a predetermined camera on the same screen

simultaneously as the screen on which the status of said predetermined camera is displayed.

105 (New): The method according to claim 98, wherein said method further comprises the step of displaying a status of connection of a predetermined camera and the network.

106 (New): The method according to claim 98, wherein said method further comprises the step of displaying starting and ending of operation of a predetermined camera connected to the network.

107 (New): The method according to claim 98, wherein the setting operation of said camera is started up in response to art user's designation.

108 (New): A monitoring terminal for monitoring an image picked up by a camera connected to a network, comprising:

obtaining device arranged do obtain information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with starting rip a setting operation of said camera and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the initial start up; and

display device arranged to display camera-status on the basis of the parameters of said camera which is obtained by the obtaining device, wherein said display device displays a pan angle

by a direction of a camera symbol.

109 (New): A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of:

obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with starting up a setting operation of said camera and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the starting up;

displaying on screen, the camera status on the basis of the parameters of said camera which is obtained in said obtaining step; and

displaying a pan angle by a direction of a camera symbol.

110 (New): A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with a map displaying operation of said camera and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the map displaying operation;

displaying on screen the camera-status on the basis of the parameters of said camera

which is obtained in the obtaining step, and

displaying a pan angle by a direction of a camera symbol on the map.

111 (New): The method according to claim 110, wherein if a predetermined camera is used by another user, said method further comprises the step of displaying the symbol of a predetermined camera in a color different from that of other cameras.

112 (New): The method according to claim 110, wherein the map displaying operation of said camera is executed in response to an user's designation.

113 (New): A monitoring terminal for monitoring an image picked up by a camera connected to a network, comprising:

obtaining device arranged to obtain information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with a map displaying operation of said camera and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the map displaying operation; and

display device arranged to display camera-status on the basis of the parameters of said camera which is obtained by the obtaining device, wherein said display device displays a pan angle by a direction of a camera symbol on the map.

114 (New): A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of:

obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with a map displaying operation of said camera and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the map displaying operation;

displaying on screen the camera-status on the basis of the parameters of said camera which is obtained in the obtaining step, and

displaying a pan angle by a direction of a camera symbol on the map.

115 (New): A method for monitoring an image picked up by a camera connected to a network, comprising the steps of:

obtaining information concerning parameters of said camera, including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with a camera symbol displaying operation and obtaining information concerning said parameters, whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the camera symbol displaying operation;

displaying camera-status on the basis of the parameters of said camera which is obtained in the obtaining step, and

displaying a pan angle by a direction of a camera symbol.

116 (New): The method according to claim 115, wherein if a predetermined camera is used by another user, said method further comprises the step of displaying the symbol of a predetermined camera in a color different from that of other cameras.

117 (New): The method according to claim 115, wherein the camera symbol displaying operation is executed in response to an user's designation.

118 (New): A monitoring terminal for monitoring an image picked up by a camera connected to a network, comprising:

obtaining device arranged to obtain information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with a camera symbol displaying operation and obtaining information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the camera symbol displaying operation; and

display device arranged to display camera-status on the basis of the parameters of said camera which is obtained by the obtaining device, wherein said display device displays a pan angle by a direction of a camera symbol on the map.

119 (New): A computer readable medium of monitoring terminals for monitoring an image picked up by a camera having computer usable program said program comprising the steps of obtaining information concerning parameters of said camera including unchanging parameters and parameters whose conditions are changed by user's operation in accordance with a camera symbol displaying operation and obtaining Information concerning said parameters whose conditions are changed by user's operation except for said unchanging parameters of the initial parameters of said camera after the camera symbol displaying operation;

displaying camera-status on the basis of the parameters of said camera which is obtained in the obtaining step; and

displaying a pan angle by a direction of a camera symbol.